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Mandatory Trainings

Please follow this document to complete your basic training.

1. Unix Account Creation

1) Goto http://iem2.intel.com/AccountManagement/RequestAccount.aspx
2) Select the site for which access needed.
   A. IMU (Munic - mandatory access)
   B. IIND (India) - Fill details and press "next" -> click "submit" after validating everything.

Note: 1) Make sure your unix id and windows id are same.
2) If not, u have to call up TAC and get it done.

2. Comneong group access

1) Goto http://iem2.intel.com/Default.aspx
2) In Requests click "Request Group Access"
3) Write "comneong" click on "Check"
4) The identified group "ger/comneong" comes then give "expiration date" and click "next"
5) Provide Justification and click "next"
6) Verify the request and click "submit"

3. UTP login

1) How to request UTP Account/Access
2) Navigate to EAM portal(https://eam.intel.com/EAMWeb), select Add or Remove Access -> Enterprise Applications ->
3) MESC: Mobile Engineering and Supply Chain-> MESC RnD Tools -> UTP CQ-> then select the workflow to request access to (e.g. SMS, CW, EAS).
4) Once the Functional Manager/Workflow Owner approves/rejects the request, users will receive a confirmation email from EAM system.
5) Go to http://it.intel.com/#/topic/865
6) Select Request service UTP ClearQuest(MESC)
7) Choose area as "Accounts" and Acount action as "Modify Account Permission"
8) Fill the UTP account permission modification as you required (ex. Sofia_lte/MOD_7272) and order now.

4. Badge Access Management

1) EAM portal(https://eam.intel.com/eamweb/RequestAccess/DisplayTree.aspx).
2) Badge Access Management -> Single Readers -> GAR -> India - Bangalore -> Tech Park -> DISC -> P47-R12 DISC-11 IMC Software Engineering Lab.
3) Once the Functional Manager/Workflow Owner approves/rejects the request, users will receive a confirmation email from EAM system.

5. VPN Request

- Navigate to EAM portal(https://eam.intel.com/EAMWeb),

1) select Add or Remove Access -> Enterprise Applications ->Intel Remote Access VPN -> DIRECT ODC ACCESS incl REMOTE ACCESS -> ODC GAR -India -> select " IMC_Aricent_Bangalore_VBA18 " and scroll to bottom of page to press"next".
   - 3) Give your "role" and reason for access.

Note: Business Justification to be given when asked for any access "I work as a Platform Software developer in Sunil Kotian's team, and would require access to this **<insert name here>**. Please provide approval for the same "

6. Opticm6 introduction and hands on training

Visit the link (intel.sabacloud.com). The handson training's videos will also give information about other accesses (to servers, sharepoints, etc) to be obtained.goto/opticm6 from the browser.
You would need to get the training course credits for the system to allow you SharePoint and Lab access subsequently.

1) Opticm6 introduction
2) Opticm6 Hands-on
3) High Value Inventory and HVPIP Overview
4) Protecting Intel's Classified information
5) UTP
6) Lab trainings if planning to use LAB.
   - Lab Safety
   - HAZCOM Basics
   - ESD Online training
   - Basic Electrical Safety
   - Lab Security Awareness
   - High Value Inventory Overview
   - Electrostatic Discharge Awareness Training
   - PROTECTING INTEL CLASSIFIED INFORMATION

All these trainings are web based. You can go to My Learning from Intel Home page and search for these trainings.

7. VNC Setup

Once you got the access for unix account. Go to the link: http://vnc.iind.intel.com/vnc/index.php
Start a VNC session
Copy the VNC session name
Open the VNC tool (Can download from the intel software centre) and paste the vnc session name and then connect.
Now you can able to use your unix account as /local/<user_name>

8. Request to access OC6 development host

1) Visit: eam.intel.com
2) Choose add/remove access:Enterprise Applications -> OptiCM6 - Production -> Sofia_LTE -> Developer
3) Follow the below link

https://e2esm.intel.com/com.glideapp.servicecatalog_cat_item_view.do?sysparm_id=8d750b1910c7310039a3e6841d27af6a

mention youe user name, Action and do order now.

9. Request to access Doc-locator

4) EAM portal(https://eam.intel.com/eamweb/RequestAccess/DisplayTree.aspx).
5) Enterprise Applications -> Document Locator -> IMC-DMS - PROD1060 -> PROD1060 Consumers
6) Once the Functional Manager/Workflow Owner approves/rejects the request, users will receive a confirmation email from EAM system.

10.Sofia_lte Docs access

Enterprise Applications - PEG Mobile projects - Platforms - SoFIA LTE - SoFIA LTE - SW Developers
SoFIA LTE - SW Developer
SoFIA LTE MWR- SW Developer

Once both the request approved, you can visit the below link as docs required if not you can directly apply for access here also.
https://sharepoint.amr.ith.intel.com/sites/SoFIA_Main/BHN-LTE/SitePages/Home.aspx
https://sharepoint.gar.ith.intel.com/sites/MiFi/Lists/MWR_SF_LTEDaily_Build_Info/Standard_View.aspx

11.fetching the source code for sofia_lte

https://wiki.ith.intel.com/display/opticm6/MWR_SF_LTE:+Workspace+Creation+and+Build+Information

12.MOD_7272 access

Follow the link and apply for the access
https://sharepoint.ger.ith.intel.com/sites/mod_7260/SitePages/Home.aspx

13.MOD_7272 Build Procedure Initial

https://wiki.ith.intel.com/display/MCGCTSReleaseManagement/MOD_7272+Build+Procedure+Initial

14.Sofia + yocto setup

https://wiki.ith.intel.com/display/TELEPHONY/Sofia+Yocto

follow the below Build steps

AOSP
$ bee init -b mod_7272m/development
$ bee sync -j32
$ bee forall -p "git reset --hard SOFIA_LTE_1543_1_0114"

Note: This release is the latest one for later use you can change according to the necessity from (\\musdsara001.imu.intel.com\SW_builds\SoFIA_LTE\Release)

$ cd modem/system-build/make
$ make -f sofia_lte_pre_builds.mk -j32
$ cd <work-space>/android
$ bash
$ module unload perl
$ source build/envsetup.sh
$ lunch m7272_SfLTE_l_psvon_v2-userdebug
$ module load openjdk
$ make –j8 2>&1 | tee xx.log

Yocto
Modified <work-space>/sofia-oe-buildsystem/meta-linux-vm/recipes-kernel/linux/linux-sofia_3.14.bb
make a change to this SRCREV & SRCREV_machine_sofia-lte variable with value as below
SRCREV = "529a569f93666af174e620061a9317ba9f0a1e28"
SRCREV_machine_sofia-lte = "529a569f93666af174e620061a9317ba9f0a1e28"

Note: You can also redirect it from (<Target-folder>/linux-3.10/ git show) git show. If it is different in your case if chosen another tags then replace by new one.

$ bash
$ cd sofia-oe-buildsystem
$ source oe-init-build-env
$ bitbake core-image-full-cmdline

fls-conversion
$ cd sofia-oe-buildsystem
$ createfls.sh

If required apply below patches also (Based on the tag if you uses above defined then apply):
For apply the patch go to cherry pick, copy the link and paste it as mentioned in project directory as per the link

https://opticm6.rds.intel.com/r/#/c/153549/
https://opticm6.rds.intel.com/r/#/c/152606/
https://opticm6.rds.intel.com/r/#/c/152036/
https://opticm6.rds.intel.com/r/#/c/155421/
https://opticm6.rds.intel.com/r/#/c/155418/
https://opticm6.rds.intel.com/r/#/c/155482/
https://opticm6.rds.intel.com/r/#/c/155489/
https://opticm6.rds.intel.com/r/#/c/155916/